

REPORT FOR 4TH QUARTER 2003

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

FORM **MQ335C**

CURRENT INDUSTRIAL REPORTS

FLUORESCENT LAMP BALLASTS

Manufacturer's Quarterly Report

The 8-digit number that appears above indicates that the Office of Management and Budget has approved this survey. If that number is not displayed, do not complete this form. YOUR REPORT IS CONFIDENTIAL BY LAW (Title 13, U. S. Code). It may be seen only by persons sworn to uphold the confidentiality of Census Bureau information and used only for statistical purposes. Copies retained in your files are immune from legal process. Although you are not required to report, your cooperation is needed to make the results of this survey comprehensive, accurate and timely.

In correspondence pertaining to this establishment's report, please refer to the 11 digit Identification Number (ID)

If you have questions regarding this report form please contact:
CHRIS BLACKBURN EXT5
1{800}201-4647

EMPLOYER IDENTIFICATION (EI) NUMBER. Identification number used on Employer's Quarterly Federal Tax Return (U.S. Treasury Department Form 941) (Enter if not shown, correct if wrong.)

123465789

CONTACT PERSON (Enter information if not shown, correct if wrong.)
Name ATTN: CONTROLLER

Area code Number -

Fax number

(Please correct any error in name and address including ZIP Code)

PART I FOR EACH ITEM LISTED BELOW, ENTER FIGURES OR "0" for current period. (The figures shown in the shaded areas were reported for the previous two periods.) PLEASE REFER TO THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT FORM.

Item (Product code - Description)	Item code	Report period	Quantity of Shipments {units}	Value of Shipments F.O.B. Plant {\$1000}	Qty of Shipments to OEM {units}	Value of Shipments to OEM {\$1000}	Qty of Shipments for Distribution {units}	Value of Shipments for Distribution {\$1000}
MAGNETIC UNCORRECTED POWER FACTOR TYPE {less than 85% power factor}			1	2	3	4	5	6
3353115103-Preheat start, single ended compact lamps	1015	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115105-Preheat start, linear & circline lamps up to 20 watt	1020	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115107-Preheat start, linear & circline lamps 21 watts & over	1025	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX

* Figures not received when form was prepared. PLEASE ENTER, if not previously submitted.

CURRENT INDUSTRIAL REPORTS - Continued

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PART I - Continued

Item (Product code - Description)	Item code	Report period	Quantity of Ship- ments (units) 1	Value of Ship- ments F.O.B. Plant (\$1000) 2	Qty of Ship- ments to OEM (units) 3	Value of Ship- ments to OEM (\$1000) 4	Qty of Ship- ments for Distri- bution (units) 5	Value of Ship- ments for Distri- bution (\$1000) 6
3353115109-All other magnetic uncorrected power factor type, including rapid start	1035	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
X X X -TOTAL MAGNETIC UNCORRECTED power factor type	1099	4 QTR						
		3 QTR						
		2 QTR						
MAGNETIC CORRECTED POWER FACTOR TYPE {85% power factor or more}								
3353115111-Slimline and instant start: two lamp 75W/96T12/IS & 57W/72T12/IS	1210	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115113-Other slimline and instant start	1215	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115115-Rapid start, one lamp 40W/48T12/RS	1217	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115117-Rapid start, two lamp 40W/48T12/RS	1220	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115119-Rapid start, two lamp 32W/48T8/RS	1221	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115121-All other rapid start, 800-1000 mA	1222	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115123-All other rapid start, 1500 mA	1224	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX

CURRENT INDUSTRIAL REPORTS - Continued

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PART I - Continued

Item (Product code - Description)	Item code	Report period	Quantity of Ship- ments (units)	Value of Ship- ments F.O.B. Plant (\$1000)	Qty of Ship- ments to OEM (units)	Value of Ship- ments to OEM (\$1000)	Qty of Ship- ments for Distri- bution (units)	Value of Ship- ments for Distri- bution (\$1000)
3353115125-All other rapid start	1226	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115127-Preheat start, single ended compact lamps	1235	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115129-Preheat start, linear and circline lamps	1240	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115131-All other magnetic corrected power factor type	1245	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
X X X -TOTAL MAGNETIC CORRECTED power factor type	1299	4 QTR						
		3 QTR						
		2 QTR						
ELECTRONIC UNCORRECTED POWER FACTOR TYPE {Less than 90% power factor}								
3353115133-Single ended compact lamps	1310	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115135-All other electronic uncorrected power factor types	1315	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
X X X -TOTAL ELECTRONIC UNCORRECTED power factor types	1318	4 QTR						
		3 QTR						
		2 QTR						
ELECTRONIC CORRECTED POWER FACTOR TYPE {90% power factor or above}								

CURRENT INDUSTRIAL REPORTS - Continued

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PART I - Continued

Item (Product code - Description)	Item code	Report period	Quantity of Ship- ments (units) 1	Value of Ship- ments F.O.B. Plant (\$1000) 2	Qty of Ship- ments to OEM (units) 3	Value of Ship- ments to OEM (\$1000) 4	Qty of Ship- ments for Distri- bution (units) 5	Value of Ship- ments for Distri- bution (\$1000) 6
3353115137-Instant start, 1 & 2 lamp 32W/48T8	1320	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115139-Instant start, 3 & 4 lamp 32W/48T8	1325	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115141-Instant start, 2 lamp 59W/96T8	1330	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115143-Instant start, 2 lamp 75W/96T12/IS	1335	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115144-Instant start, Linear T5	1337	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115145-All other instant start	1340	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115147-Rapid start, all 32W/48T8	1345	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115149-Rapid start, all other T8, 4 foot and less	1350	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115151-Rapid start, 2 lamp 40W/48T12/RS	1355	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115153-Rapid start, 800 mA	1360	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX

CURRENT INDUSTRIAL REPORTS - Continued

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PART I - Continued

Item (Product code - Description)	Item code	Report period	Quantity of Ship- ments (units) 1	Value of Ship- ments F.O.B. Plant (\$1000) 2	Qty of Ship- ments to OEM (units) 3	Value of Ship- ments to OEM (\$1000) 4	Qty of Ship- ments for Distri- bution (units) 5	Value of Ship- ments for Distri- bution (\$1000) 6
3353115154-Rapid start, Compact flourescent up to and including 26W	1362	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115156-Rapid start, Compact flourescent 27W and over	1364	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115158-Rapid start, Linear T5, normal output	1366	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115160-Rapid start, Linear T5, high output	1368	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115162-Rapid start, Dimming, linear	1371	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115164-Rapid start, Dimming, compact flourescent	1373	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115166-Rapid start, all other rapid start	1375	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
3353115168-All other electronic corrected power factor type	1380	4 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		3 QTR			XXXXX	XXXXX	XXXXX	XXXXX
		2 QTR			XXXXX	XXXXX	XXXXX	XXXXX
X X X -TOTAL ELECTRONIC CORRECTED power factor type	1399	4 QTR						
		3 QTR						
		2 QTR						

PART II Has there been any change in the ownership or operation of this establishment during this period?
☐ Yes - Indicate type of change below. ☐ No - Skip to Part III.

PART III Do the figures shown on this report and on your last report cover the identical establishments?
☐ Yes ☐ No - Indicate reasons for difference in "Remarks."

PART V CERTIFICATION – This report is substantially accurate and has been prepared in accordance with instructions.		
Signature of authorized official	Title	Date

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NOTE: Please make a photocopy of this for your records.

MQ335C — FLUORESCENT LAMP BALLASTS (SHIPMENTS AND PRODUCTION)

DEFINITIONS AND SPECIAL INSTRUCTIONS

1. Scope of survey

This survey covers all companies engaged in the manufacture of fluorescent lamp ballasts in the United States.

2. Figures to be reported

Companies with more than one establishment manufacturing the products covered by this survey are requested to complete a separate report form for each location. If you have not received a separate form for each of your establishments, please call the contact shown on the report form or write to the U.S. Census Bureau for additional forms.

a. Quantity and value of shipments

The figures on quantity and value of shipments should include the physical shipments of all products sold, transferred to other establishments within your company, or shipped on consignment, whether for domestic or export sale. The value represents the net sales price, f.o.b. plant, to the customer or branch to which the products are shipped, net of discounts, allowances, freight charges, and returns. Shipments to your own branches should be assigned the same value as comparable sales to unaffiliated customers, i.e., the value includes an appropriate allocation of company overhead and profit. Products bought and resold without further manufacture should not be included in shipments.

Your figures on the quantity and value of fluorescent lamp ballasts shipments should

include —

Only ballasts manufactured in this plant during the quarter

but exclude —

Ballasts shipped without charge to replace defective or returned ballasts

Ballasts purchased by you for resale

Shipments of ballasts which have been incorporated into other products at this plant

b. Distribution of shipments by end use:

The TOTAL quantity and value figures for magnetic uncorrected ballasts (item code 1099), magnetic corrected ballasts (item code 1299), electronic uncorrected ballasts (item code 1318), and electronic corrected ballasts (item code 1399) should be subdivided by end use: quantity and value of shipments to original equipment manufacturers (OEM) and/or to distribution.

OEM includes shipments to customer's plants for incorporation or assembly into lighting fixtures or apparatus. Include shipments to depots and warehouses of the same or other companies where such shipments are for subsequent use in original equipment.

Distribution includes shipments to wholesale and retail distributors, dealers, jobbers, energy service companies, lighting maintenance companies, contractors, and "do-it-yourself" end users; and for "after market" replacement.

Columns 3 and 4 — Quantity and value of shipments to OEM

Columns 5 and 6 — Quantity and value of shipments to distribution

For item codes 1099, 1299, 1318, and 1399 only:

The quantity of shipments in column 1 should equal the sum of columns 3 and 5 for each total.

The value of shipments in column 2 should equal the sum of columns 4 and 6 for each total.

3. Definitions

Include all types of fluorescent ballasts, including resistance, inductance, and combinations of resistance, inductance, and capacitance.

Magnetic Type:

Uncorrected power factor — Less than 85 percent power factor

Corrected power factor — 85 percent power factor or above

Electronic Type:

Uncorrected power factor — less than 90 percent power factor

Corrected power factor — 90 percent power factor or above

Rapid start — Includes ballasts of all voltage and frequency ratings for operation of all lamps designed for cathode preheating without use of starters and also includes programmed start ballasts.

Preheat start — Includes ballasts of all voltage and frequency rating for operation of all lamps of the switch start type except ballasts with preheat windings.

Slimline and instant start — Includes ballasts of all voltage and frequency ratings for operation of all hot cathode lamps which do not utilize preheating of cathodes.

All other — Includes ballasts of all voltage and frequency ratings not classified above. Specifically includes ballasts with preheat windings for fast starting of standard switch start lamps (trigger start, quick start, etc.), ballasts for dc operation, and cold cathode ballasts.

Electronic Fluorescent Ballast

Includes ballasts serving preheat or rapid start lamps, including those ballasts operating lamps less than 20 watts up to 40 watts, driving one, two, three or four lamps, and ballasts for 800mA lamps and above, and miscellaneous applications for powering fluorescent lamps not reported elsewhere.

Also includes ballasts for single-pin slimline, instant start lamps, including ballasts driving two 96-inch lamps, and all other slimline lamp ballasts.

Abbreviations and Metric Conversions

mA	Milliampere
1KHZ	1000 cycles per second
Khz	Kilohertz

4. Comparability

Data reported in this survey should correspond to the data reported in the Economic Census - Manufacturing Sector form. The sum of values for item codes shown in column (a) should correspond to the dollar values reported under product codes indicated in column (b) below:

Current Industrial Reports (Form MQ335C)	Economic Census - Manufacturing Sector
Item codes (a)	Product codes (b)
1015 through 1035 1210 through 1245 1310 through 1315 1320 through 1380	3353115 100

REFERENCE LIST

FORM **MQ335C**

FLUORESCENT LAMP BALLASTS (SHIPMENTS AND PRODUCTION)

Product code	Item code	Item description
		MAGNETIC TYPE
		UNCORRECTED POWER-FACTOR TYPE
		(Less than 85 percent power factor)
		Preheat start:
3353115103	1015	Single-ended compact lamps
3353115105	1020	Linear and circline lamps up to and including 20 watts
3353115107	1025	Linear and circline lamps 21 watts and over
3353115109	1035	All other magnetic uncorrected power-factor type, including rapid start
XXX	1099	TOTAL MAGNETIC UNCORRECTED POWER-FACTOR TYPE
		CORRECTED POWER-FACTOR TYPE
		(85 percent power factor or above)
		Slimline and instant start:
3353115111	1210	Two-lamp, 75W/96T12/IS and 57W/72T12/IS
3353115113	1215	Other slimline and instant start
		Rapid start:
3353115115	1217	One-lamp, 40W/48T12/RS
3353115117	1220	Two-lamp, 40W/48T12/RS
3353115119	1221	Two-lamp, 32W/48T8/RS
		All other rapid start:
3353115121	1222	800 to 1000 mA
3353115123	1224	1500 mA
3353115125	1226	Other rapid start
		Preheat start:
3353115127	1235	Single-ended compact lamps
3353115129	1240	Linear and circline lamps
3353115131	1245	All other magnetic corrected power-factor type
XXX	1299	TOTAL MAGNETIC CORRECTED POWER-FACTOR TYPE
		ELECTRONIC TYPE
		UNCORRECTED POWER-FACTOR TYPE
		(Less than 90 percent power factor)
3353115133	1310	Single-ended compact lamps
3353115135	1315	All other electronic uncorrected power-factor type
XXX	1318	TOTAL ELECTRONIC UNCORRECTED POWER-FACTOR TYPE
		CORRECTED POWER-FACTOR TYPE
		(90 percent power factor or above)
		Instant start:
3353115137	1320	One- and two-lamp, 32W/48T8
3353115139	1325	Three- and four-lamp, 32W/48T8
3353115141	1330	Two-lamp, 59W/96T8
3353115143	1335	Two-lamp, 75W/96T12/IS
3353115144	1337	Linear T5
3353115145	1340	All other instant start
		Rapid start, program start
3353115147	1345	All 32W/48T8
3353115149	1350	All other T8, four foot and less
3353115151	1355	Two-lamp, 40W/48T12/RS
3353115153	1360	800 mA
3353115154	1362	Compact fluorescent up to and including 26W
3353115156	1364	Compact fluorescent 27W and over
3353115158	1366	Linear T5, normal output
3353115160	1368	Linear T5, high output
3353115162	1371	Dimming, linear
3353115164	1373	Dimming, compact fluorescent
3353115166	1375	All other rapid start
3353115168	1380	All other electronic corrected power-factor type
XXX	1399	TOTAL ELECTRONIC CORRECTED POWER-FACTOR TYPE